OIPE
FEB 23 2004
PATENT & TRADEMARK OFFICE

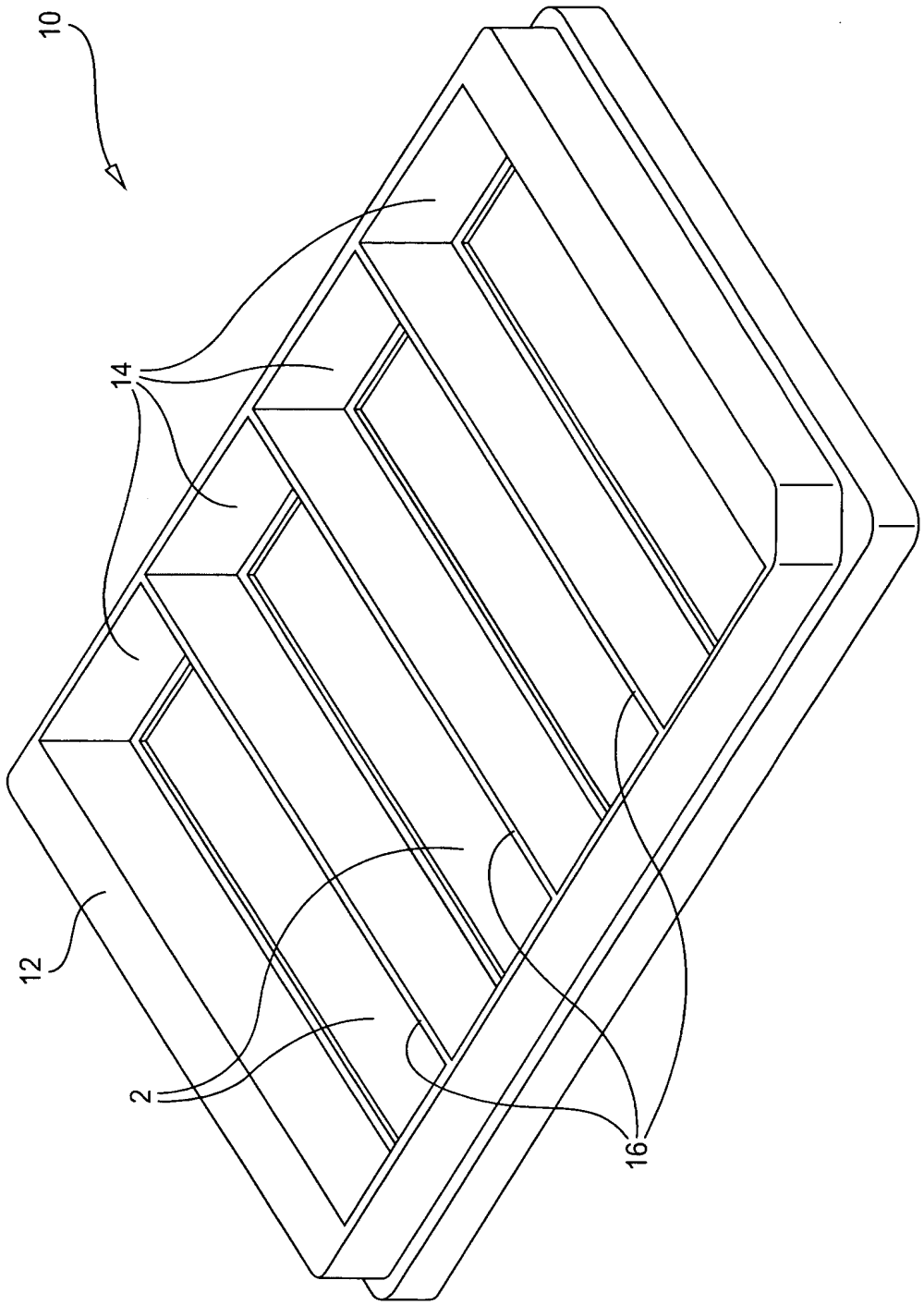


FIG. 1

FIG. 2

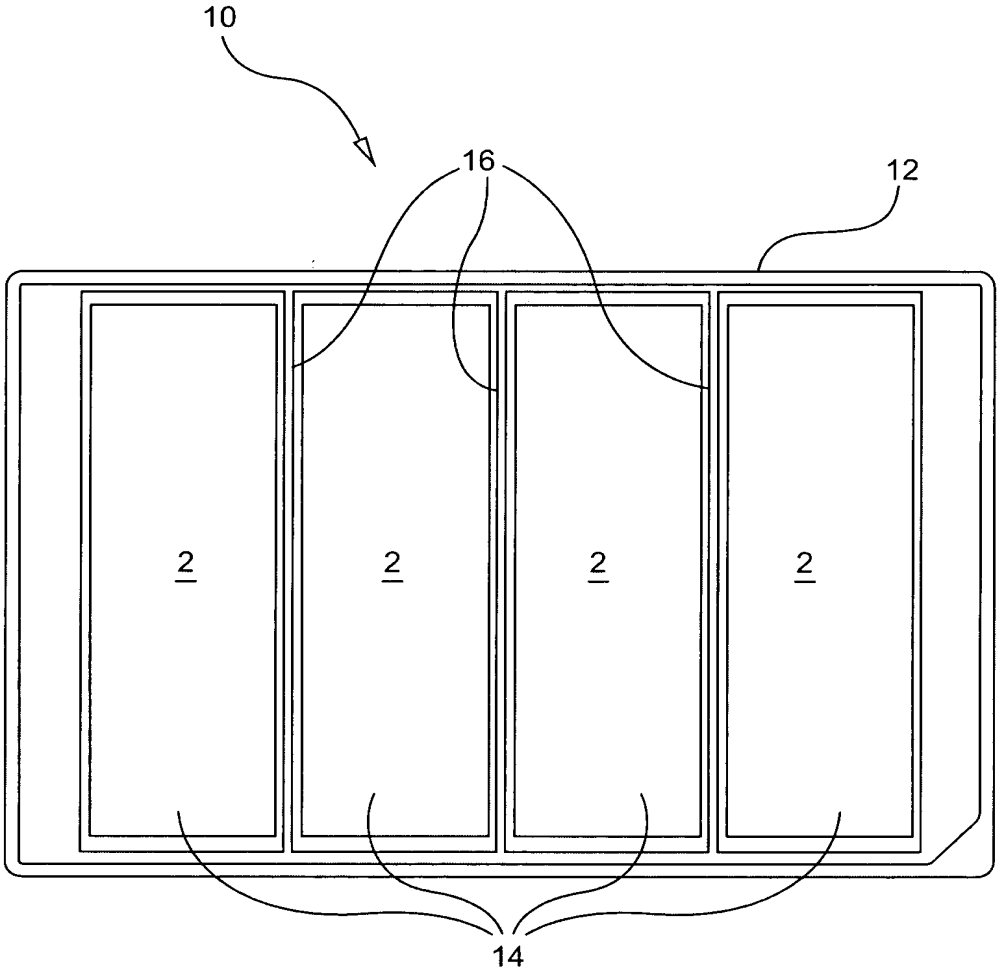


FIG. 3

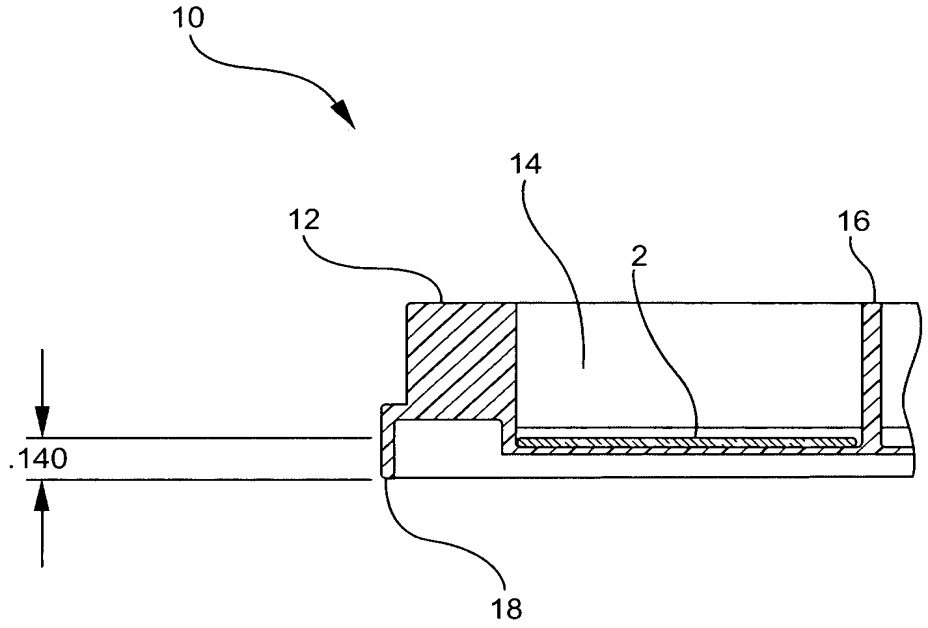


FIG. 4

30000
25000
20000
15000
10000
5000
0
TR-FL RFU@615nm
A
B
C
D
E
F
G
H
1
3

FIG. 5A

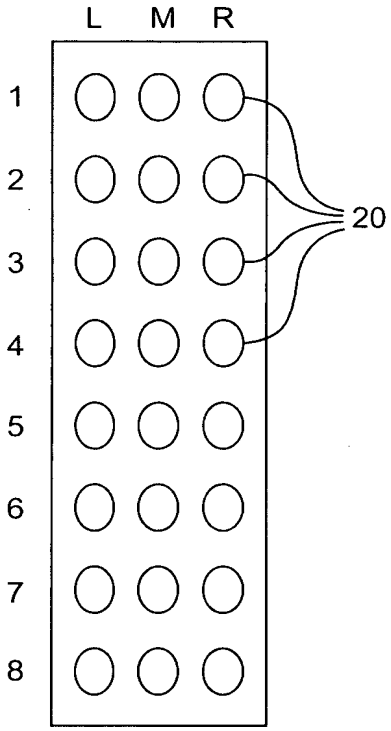


FIG. 5B

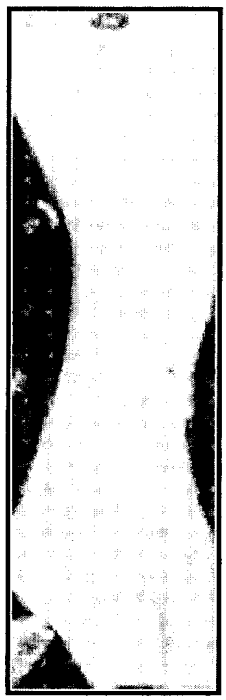
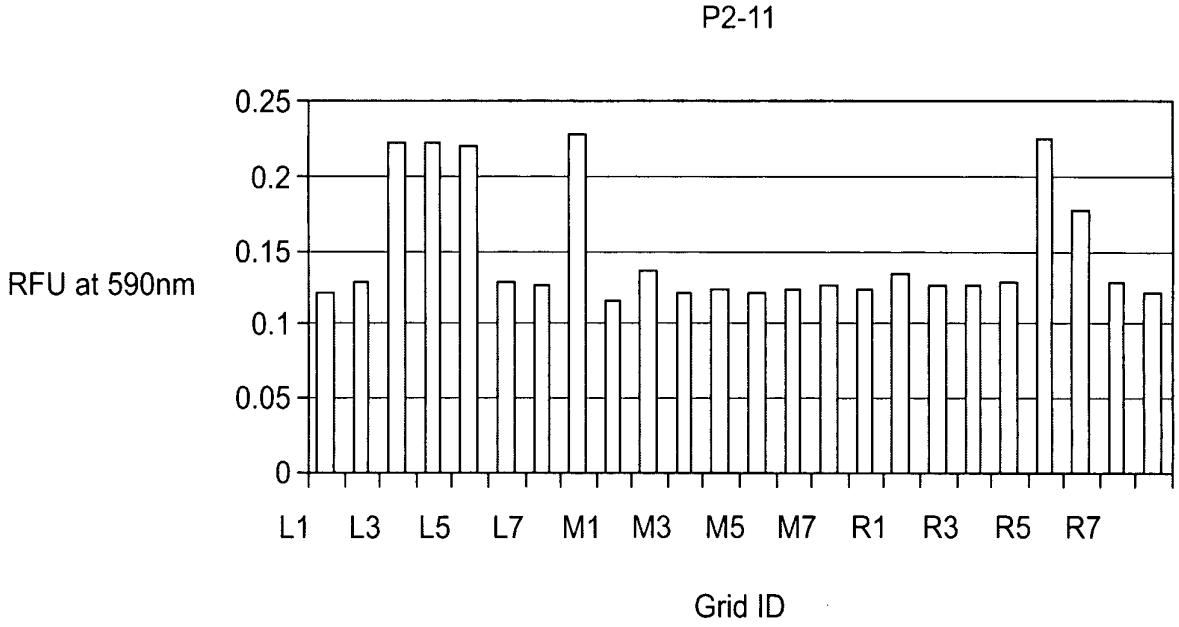


FIG. 5C


P2-11
RFU at 590nm
0.25
0.2
0.15
0.1
0.05
0
L1
L3
L5
L7
M1
M3
M5
M7
R1
R3
R5
R7
Grid ID